User’s Manual

USB 2.0 Multi-Plus Card Reader w/3-Port Hub

Table of Contents

Safety Instructions……1
Introduction……1
Features……2
System Requirements……2
Package Contents……2
Specification……3
Driver Installation……3
Software Installation……17
Installation Verification……24
Certificate……27
Disclaimer……27

Safety Instructions

Always read the safety instructions carefully

- ▣ Keep this User's Manual for future reference
- ▣ Keep this equipment away from humidity
- ▣ Lay this equipment on a reliable flat surface before setting it up
- ▣ If any of the following situation arises, get the equipment checked by a service technician:
    - ■ The equipment has been exposed to moisture.
    - ■ The equipment has been dropped and damaged.
    - ■ The equipment has obvious sign of breakage.
    - ■ The equipment has not working well or you cannot get it work according to User's Manual.

Introduction

The USB 2.0 Multi-Plus Card Reader w/3-Port Hub is an innovative product, which combines USB Hub with multi-in-1 Card Reader function. It not only allows your PC or MAC to connect more and multiple USB 2.0 high performance devices, but also enables you to read from, write and erase to the most popular formats of memory cards including *CompactFlash™ Type I/II*, *IBM Microdrive™*, *SmartMedia™ (SM), Memory Stick® (MS), Memory Stick PRO® (MS PRO), Memory Stick Duo ®(Adapter needed), Memory Stick Pro Duo ®(Adapter needed), SecureDigital™ (SD), Mini SD (Adapter needed), MultiMediaCard™ (MMC), RSMMC (Adapter needed) and XD*** Picture Card. You can easily remove different kinds of memory cards from your camera and insert it into this card reader; and then access the card as a disk drive at USB high-speed transfer rate of up to 480Mbps.

****Not all types of Card Reader w/3-Port Hub support XD picture card. Please check the package or the vender for the XD picture card support.**

Features

- Supports *CompactFlash™ Type I/II*, *IBM Microdrive™*, *SmartMedia™ (SM), Memory Stick® (MS), Memory Stick PRO® (MS PRO), Memory Stick Duo®(Adapter needed), Memory Stick Pro Duo®(Adapter needed), SecureDigital™ (SD), Mini SD (Adapter needed), MultiMediaCard™ (MMC), RSMMC (Adapter needed) and XD*** Picture Card, and allow data exchange between cards in different slots.
- Adds 3 USB 2.0 Ports to your PC.
- Fully compliant with USB 1.1/2.0 specification.
- Maximum data transfer rate of 480Mbps.
- Supports Hot-Swap and Plug & Play function.

****Not all types of Card Reader w/3-Port Hub support XD picture card. Please check the package or the vender for the XD picture card support.**

System Requirements

- IBM Compatible Pentium-233 MHz or faster, or MAC desktop PCs.
- 64 MB RAM or more.
- PC or MAC with USB port available.
- OS support:
  - Windows® 98SE
  - Windows® ME
  - Windows® 2000
  - Windows® 2000 SP4
  - Windows® XP
  - Mac™ 9.X
  - Mac™ 10.X or up

Package Contents

- USB 2.0 Multi-Plus Card Reader w/3-Port Hub x 1
- Power Adapter x 1
- Software Driver CD x 1
- Quick Installation Guide x 1
- USB 2.0 Cable (optional)

Specification

Product Name	USB 2.0 Multi-Plus Card Reader w/3-Port Hub
Data Transfer Rate	1.5/12/480 Mbps
Card Reader/Writer Function	Supports *CompactFlash™ Type I/II*, *IBM Microdrive™*, *SmartMedia™ (SM), Memory Stick® (MS), Memory Stick PRO® (MS PRO), Memory Stick Duo®(Adapter needed), Memory Stick Pro Duo®(Adapter needed), SecureDigital™ (SD), Mini SD (Adapter needed), MultiMediaCard™ (MMC), RSMMC (Adapter needed) and XD*** Picture Card
	1 slot for SD/MMC 1 slot for MS 1 slot for SM/XD** Picture Card 1slot for CF/IBM Microdrive
	Data exchange allowed between cards in different slots
	No driver needed under Windows ME/2000 SP4/XP
USB Hub Function	3-Port USB 2.0 Hub
	Connects up to 127 USB devices through daisy-chain
	Over-current detection and protection

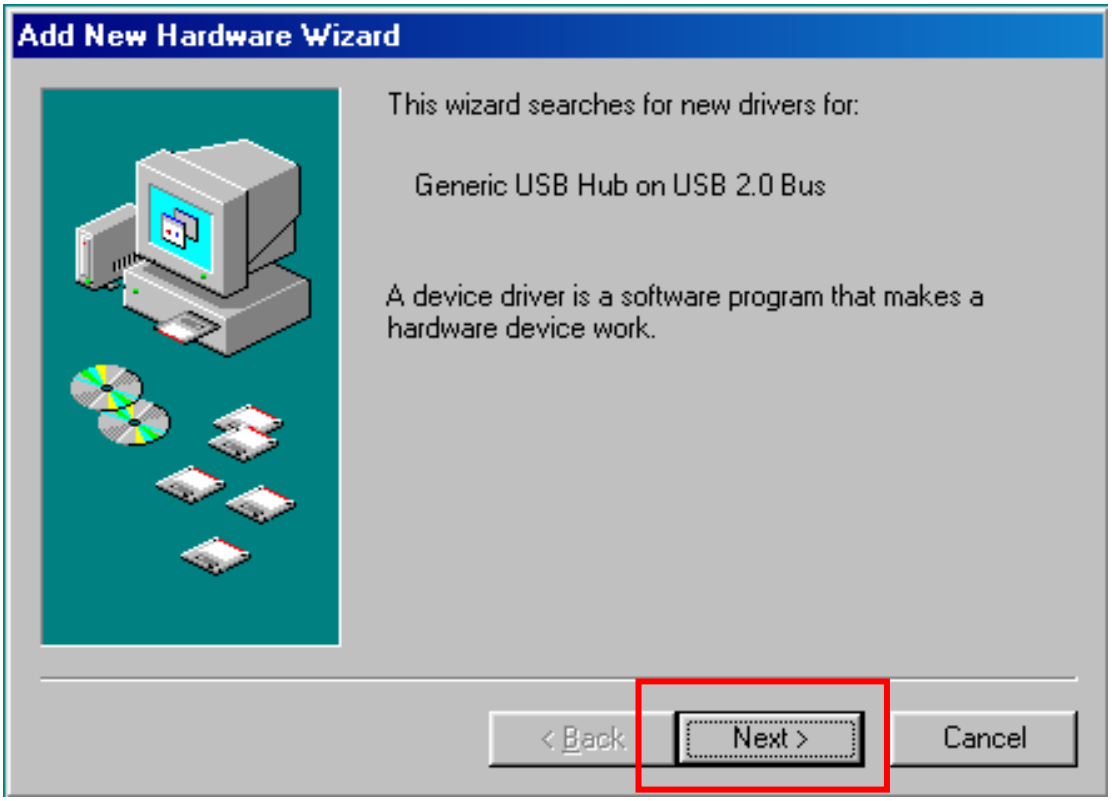
****Not all types of Card Reader w/3-Port Hub support XD picture card. Please check the package or the vender for the XD picture card support.**

Driver Installation

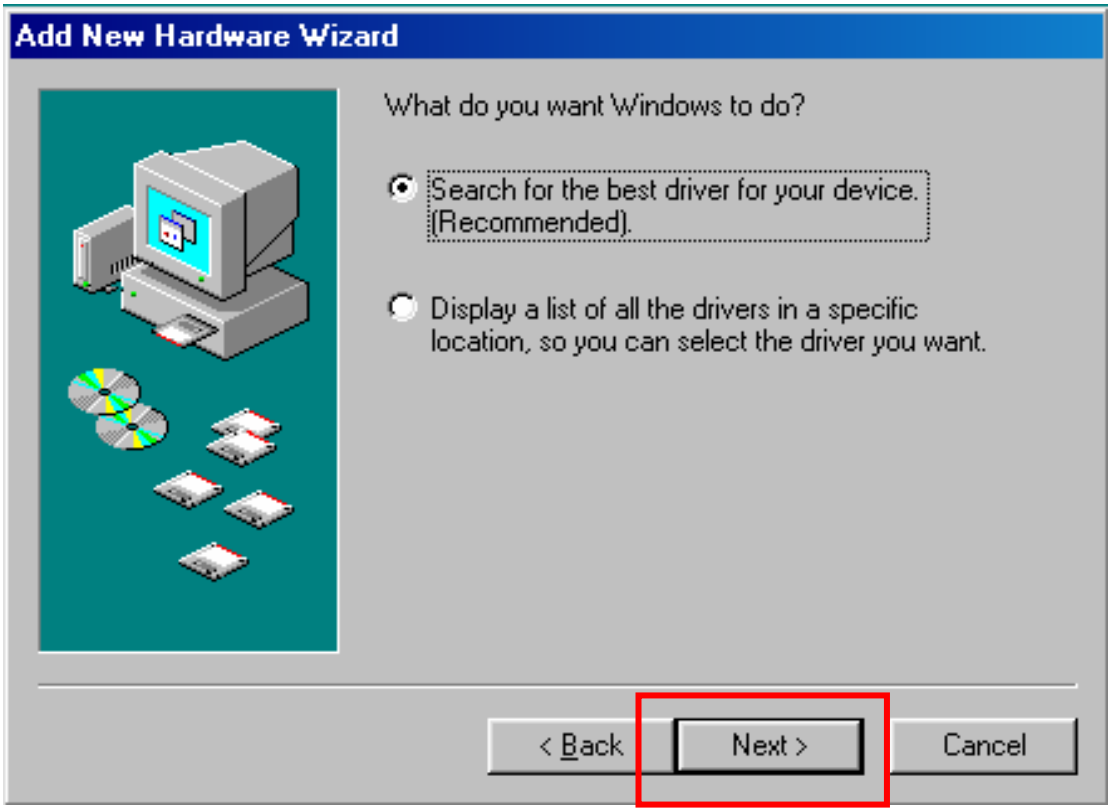
● **Windows 98SE**

Step 1 Insert the Driver CD to your CD-ROM and connect the Card Reader w/3-Port Hub to an USB port of your PC.

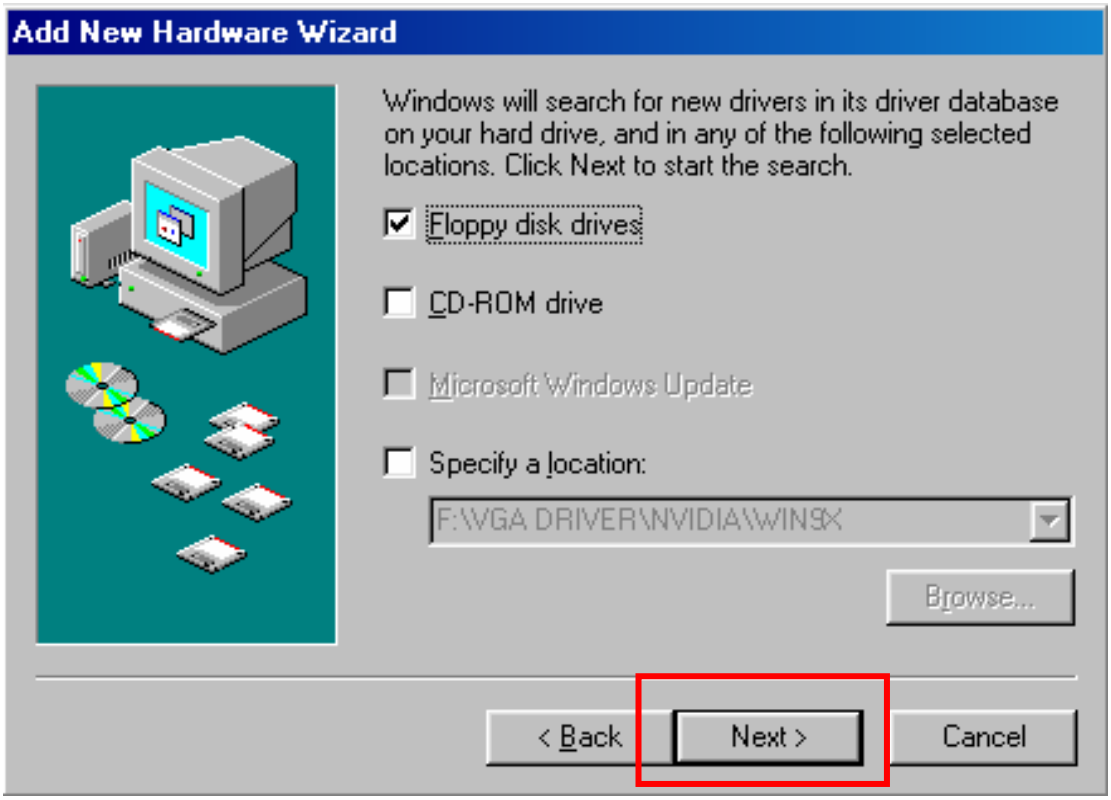
Step 2 Click **Next** to follow the wizard to install the driver for USB Hub.


Add New Hardware Wizard
This wizard searches for new drivers for:
Generic USB Hub on USB 2.0 Bus
A device driver is a software program that makes a hardware device work.
< Back
Next >
Cancel

Step 3 Select **Search for the best driver for your device** and click **Next** to continue.


Add New Hardware Wizard
What do you want Windows to do?
Search for the best driver for your device. (Recommended).
Display a list of all the drivers in a specific location, so you can select the driver you want.
< Back
Next >
Cancel

Step 4 Select **Floppy disk drives** and click **Next** to continue.


Add New Hardware Wizard
Windows will search for new drivers in its driver database on your hard drive, and in any of the following selected locations. Click Next to start the search.
Floppy disk drives
CD-ROM drive
Microsoft Windows Update
Specify a location:
F:\VGA DRIVER\NVIDIA\WIN9X
Browse...
< Back
Next >
Cancel

Step 5 Click **Next** to finish the driver installation for USB Hub.

Add New Hardware Wizard
Windows driver file search for the device:
Generic USB Hub on USB 2.0 Bus
Windows is now ready to install the best driver for this device. Click Back to select a different driver, or click Next to continue.
Location of driver:
C:\WINDOWS\INF\VUSB2.INF
< Back
Next >
Cancel

Step 6 The pop-up window shows **This wizard searches for new drivers**. Click **Next** and follow the wizard to locate the driver for USB Card Reader.

Add New Hardware Wizard
This wizard searches for new drivers for:
USB 2.0 Device
A device driver is a software program that makes a hardware device work.
< Back
Next >
Cancel

Step 7 Select **Search for the best driver for your device**, and click **Next** to continue.

Add New Hardware Wizard
What do you want Windows to do?
Search for the best driver for your device. (Recommended).
Display a list of all the drivers in a specific location, so you can select the driver you want.
< Back
Next >
Cancel

Step 8 Select **Specify a location,** click **Browse** to locate the driver shown as the below image, and click **Next** to continue.

Add New Hardware Wizard
Windows will search for new drivers in its driver database on your hard drive, and in any of the following selected locations. Click Next to start the search.
Floppy disk drives
CD-ROM drive
Microsoft Windows Update
Specify a location:
E:\Driver\Drivers\Windows 98
Browse...
< Back
Next >
Cancel

Step 9 Click **Next** to install.

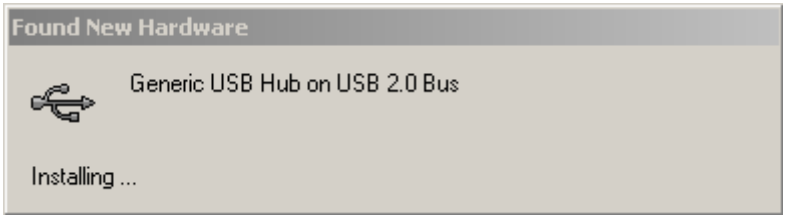
Add New Hardware Wizard
Windows driver file search for the device:
USB MSC Device
Windows is now ready to install the best driver for this device. Click Back to select a different driver, or click Next to continue.
Location of driver:
E:\DRIVER\DRIVERS\WINDO~11\USBATA
< Back
Next >
Cancel

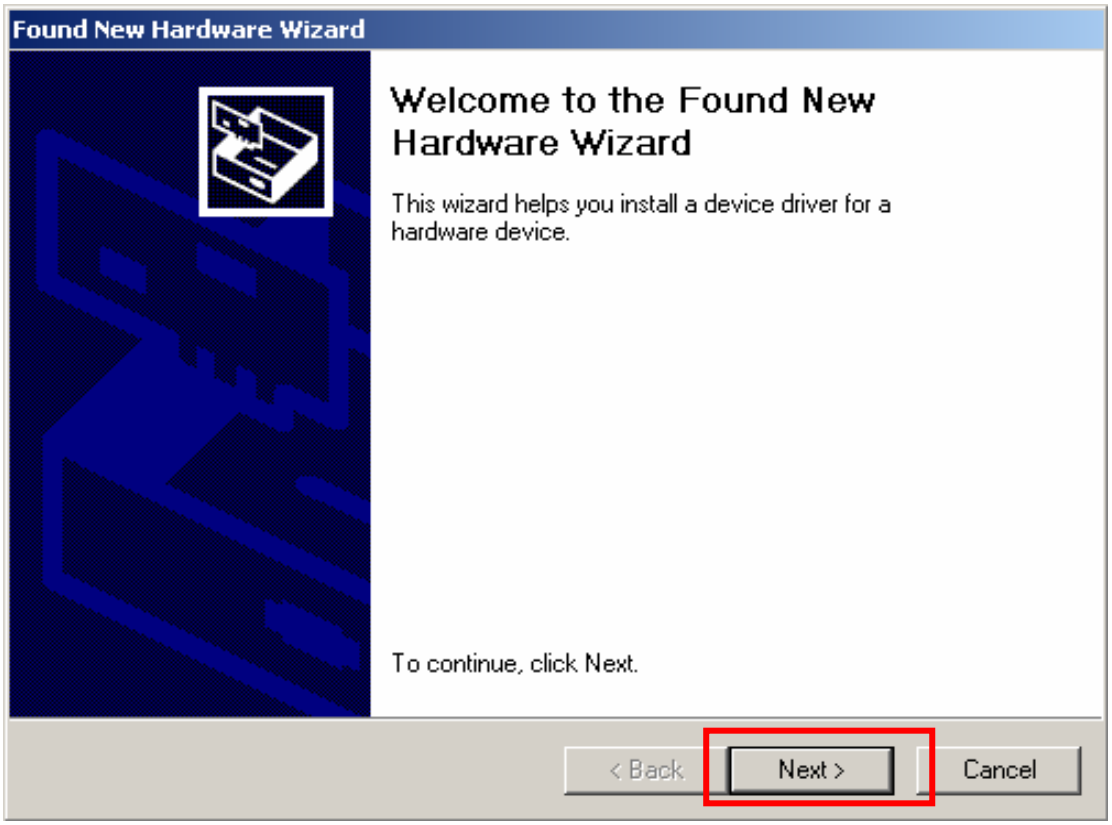
Step 10 The system shows **Windows has finished installing the software that your new hardware device requires**. Click **Next** to completely finish the installation.

● **Windows 2000**

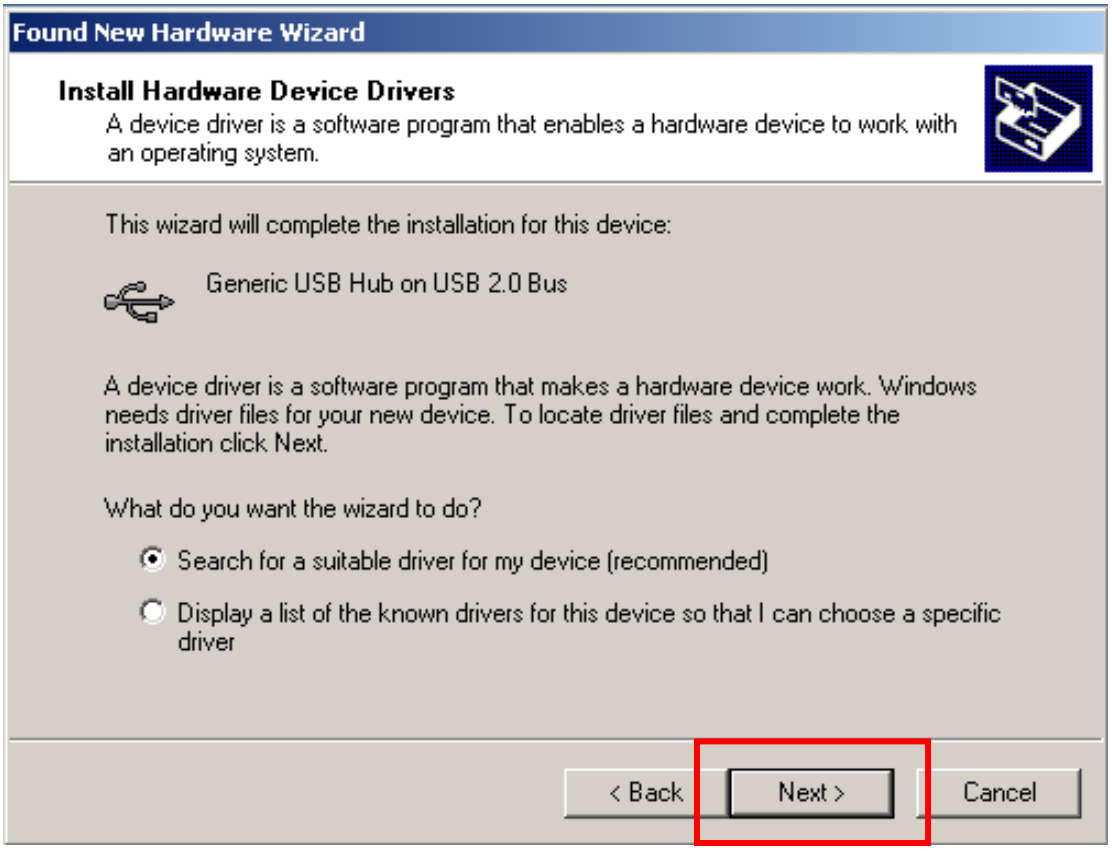
Step 1 Insert the Driver CD to your CD-ROM and connect the Card Reader w/3-Port Hub to an USB port of your PC.

Step 2 Click **Next** to follow the wizard to install the driver for USB Hub.

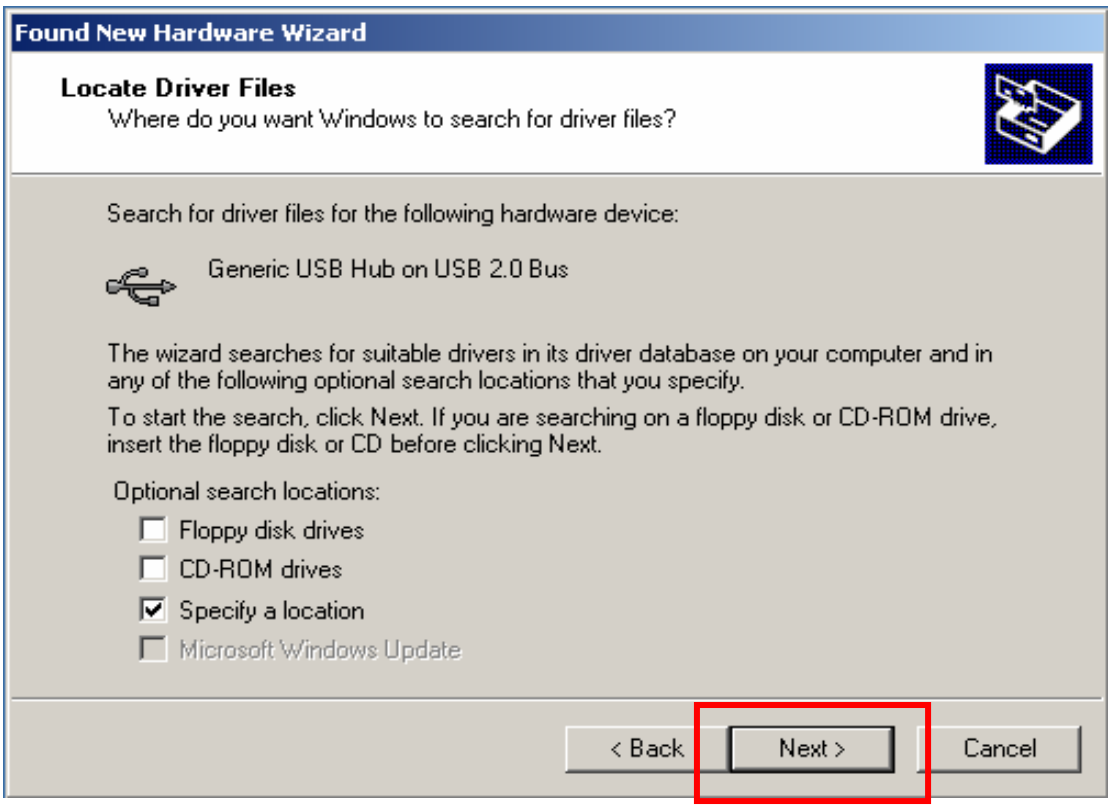



Found New Hardware Wizard
Welcome to the Found New Hardware Wizard
This wizard helps you install a device driver for a hardware device.
To continue, click Next.
< Back
Next >
Cancel

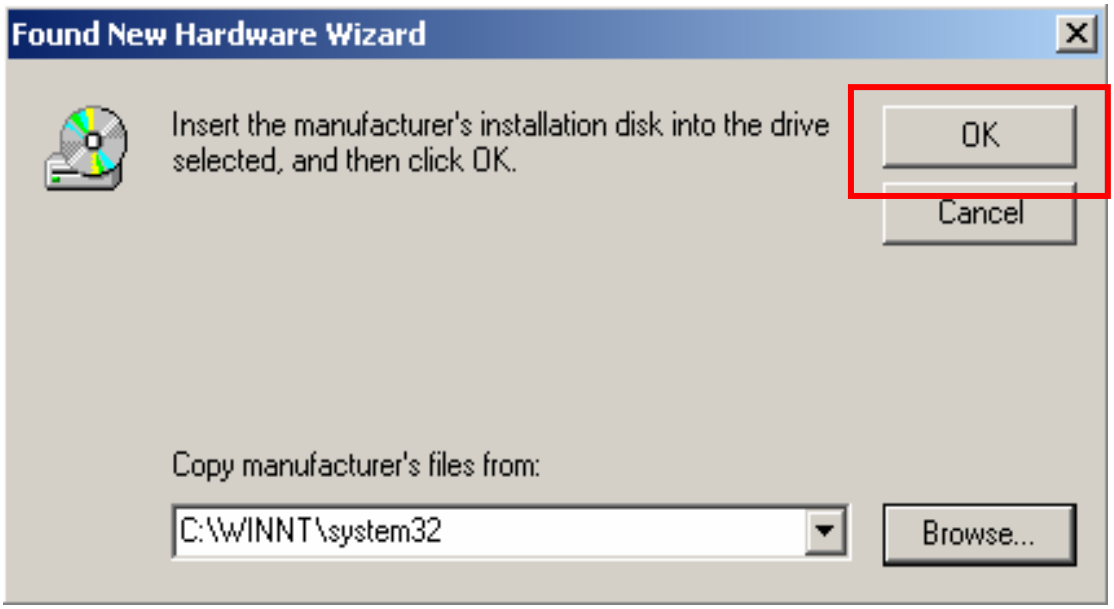
Step 3 Select **Search for a suitable driver for my device** and click **Next** to go.


Found New Hardware Wizard
Install Hardware Device Drivers
A device driver is a software program that enables a hardware device to work with an operating system.
This wizard will complete the installation for this device:
Generic USB Hub on USB 2.0 Bus
A device driver is a software program that makes a hardware device work. Windows needs driver files for your new device. To locate driver files and complete the installation click Next.
What do you want the wizard to do?
Search for a suitable driver for my device (recommended)
Display a list of the known drivers for this device so that I can choose a specific driver
< Back
Next >
Cancel

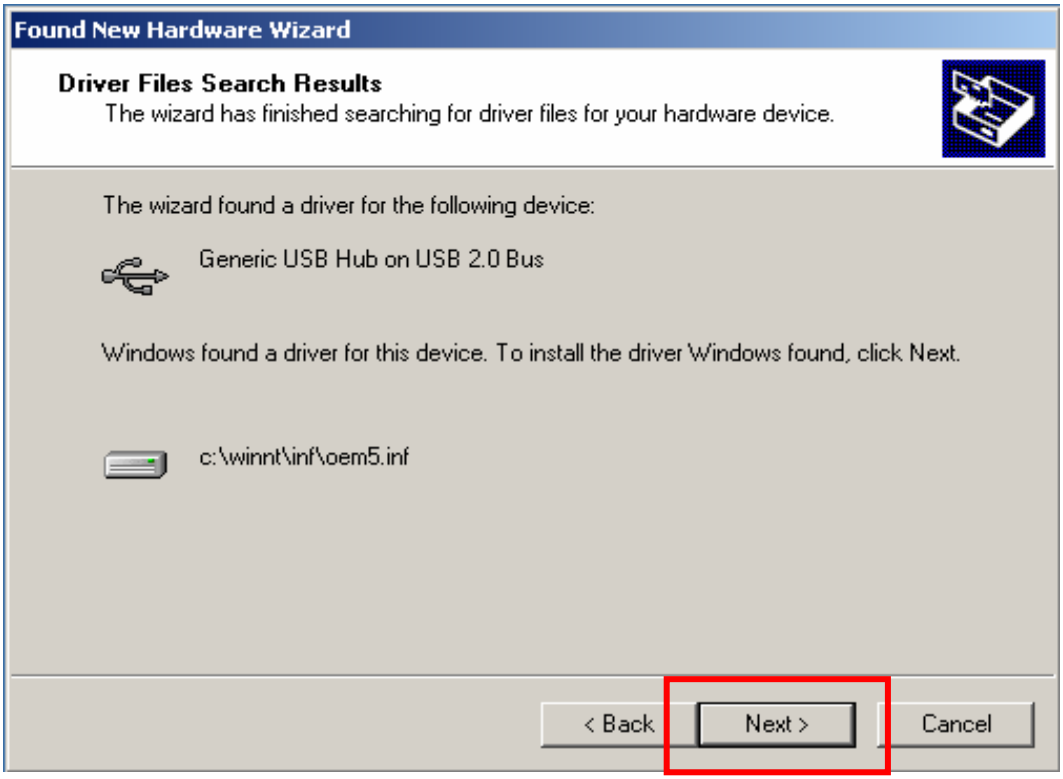
Step 4 Select **Specify a location** and click **Next** to continue.


Found New Hardware Wizard
Locate Driver Files
Where do you want Windows to search for driver files?
Search for driver files for the following hardware device:
Generic USB Hub on USB 2.0 Bus
The wizard searches for suitable drivers in its driver database on your computer and in any of the following optional search locations that you specify.
To start the search, click Next. If you are searching on a floppy disk or CD-ROM drive, insert the floppy disk or CD before clicking Next.
Optional search locations:
Floppy disk drives
CD-ROM drives
Specify a location
Microsoft Windows Update
< Back
Next >
Cancel

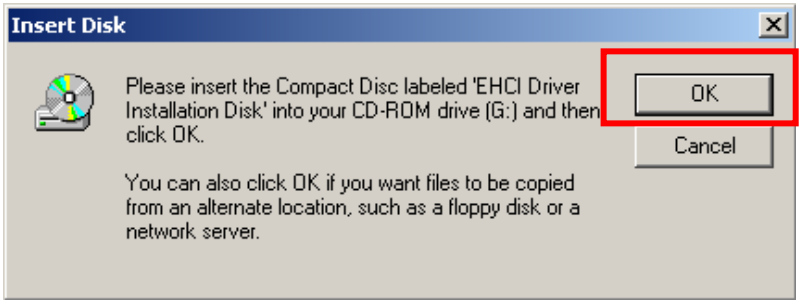
Step 5 Click **Browse** to locate the driver shown as below image and click **OK**.



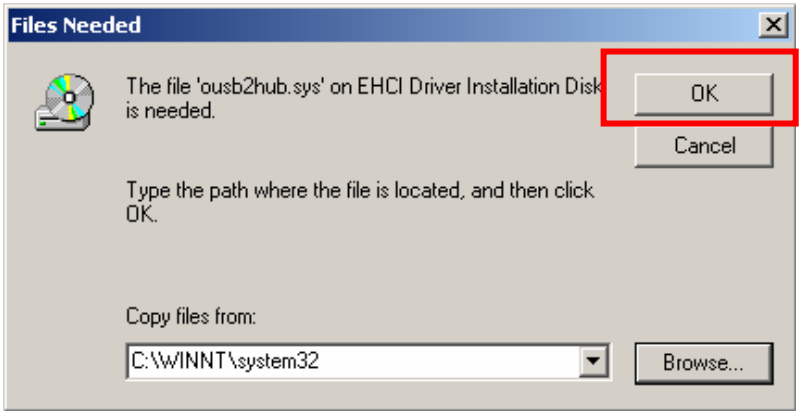
Step 6 Click **Next** to continue.


Found New Hardware Wizard
Driver Files Search Results
The wizard has finished searching for driver files for your hardware device.
The wizard found a driver for the following device:
Generic USB Hub on USB 2.0 Bus
Windows found a driver for this device. To install the driver Windows found, click Next.
c:\winnt\inf\oem5.inf
< Back
Next >
Cancel

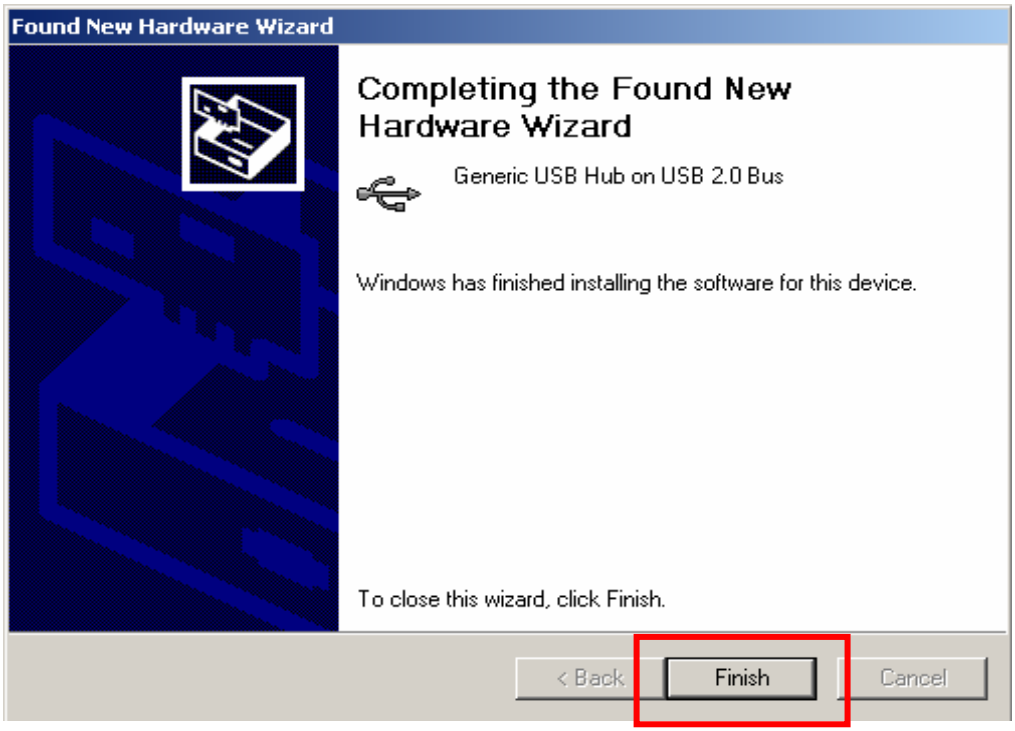
Step 7 Click **OK**.


Insert Disk
Please insert the Compact Disc labeled 'EHCI Driver Installation Disk' into your CD-ROM drive (G:) and then click OK.
You can also click OK if you want files to be copied from an alternate location, such as a floppy disk or a network server.
OK
Cancel

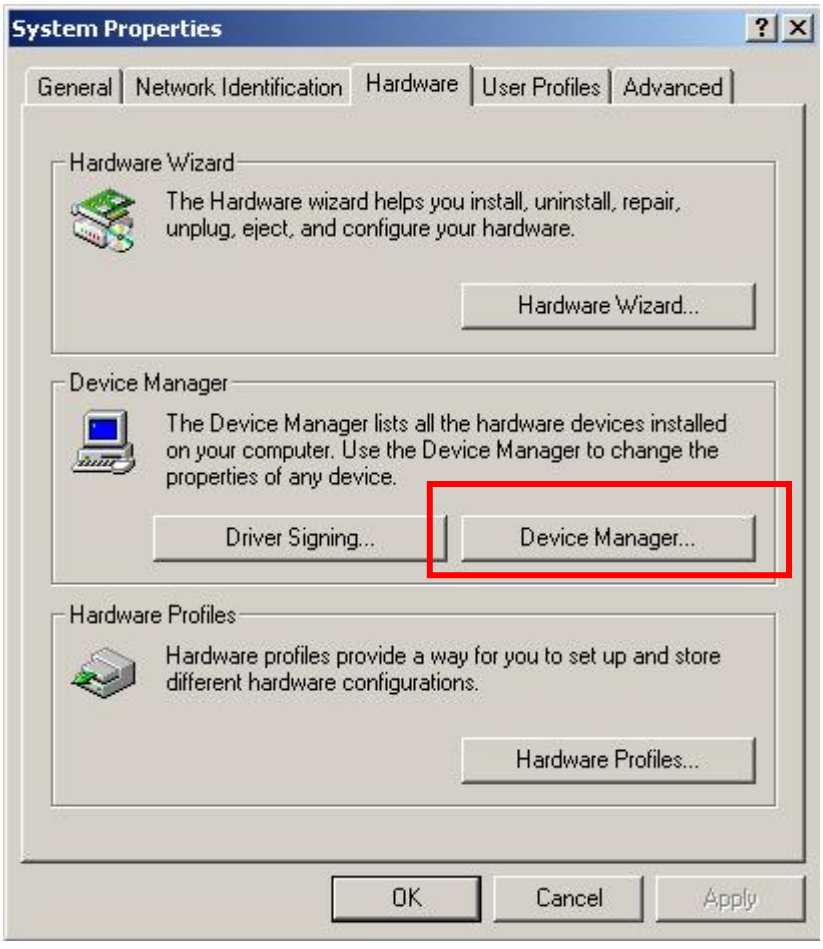
Step 8 Click **Browse** to locate the driver shown as below image and click **OK** to continue.



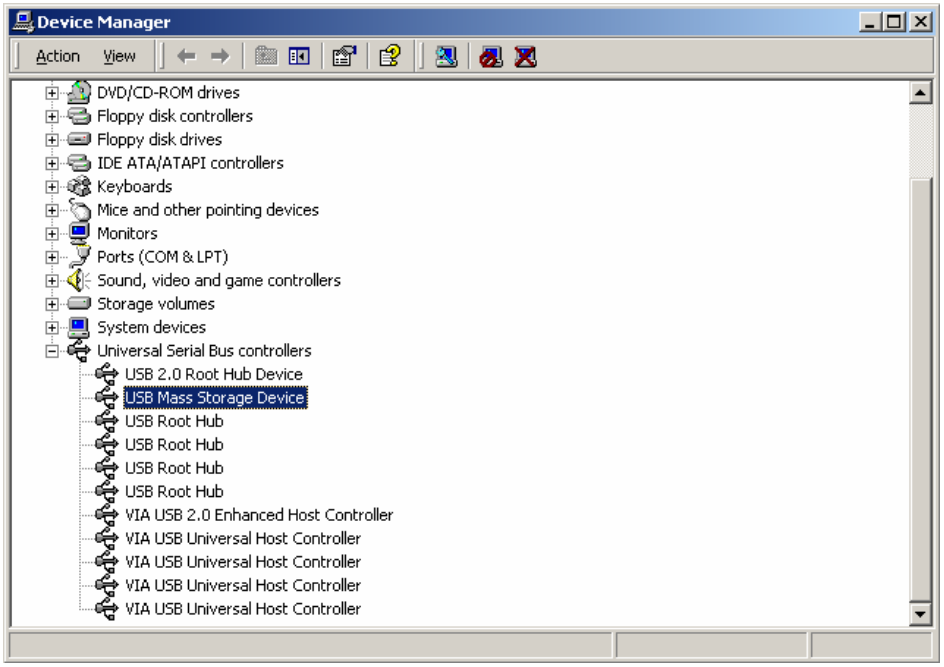
Step 9 Click **Finish** to finish the driver installation for USB Hub.


Found New Hardware Wizard
Completing the Found New Hardware Wizard
Generic USB Hub on USB 2.0 Bus
Windows has finished installing the software for this device.
To close this wizard, click Finish.
< Back
Finish
Cancel

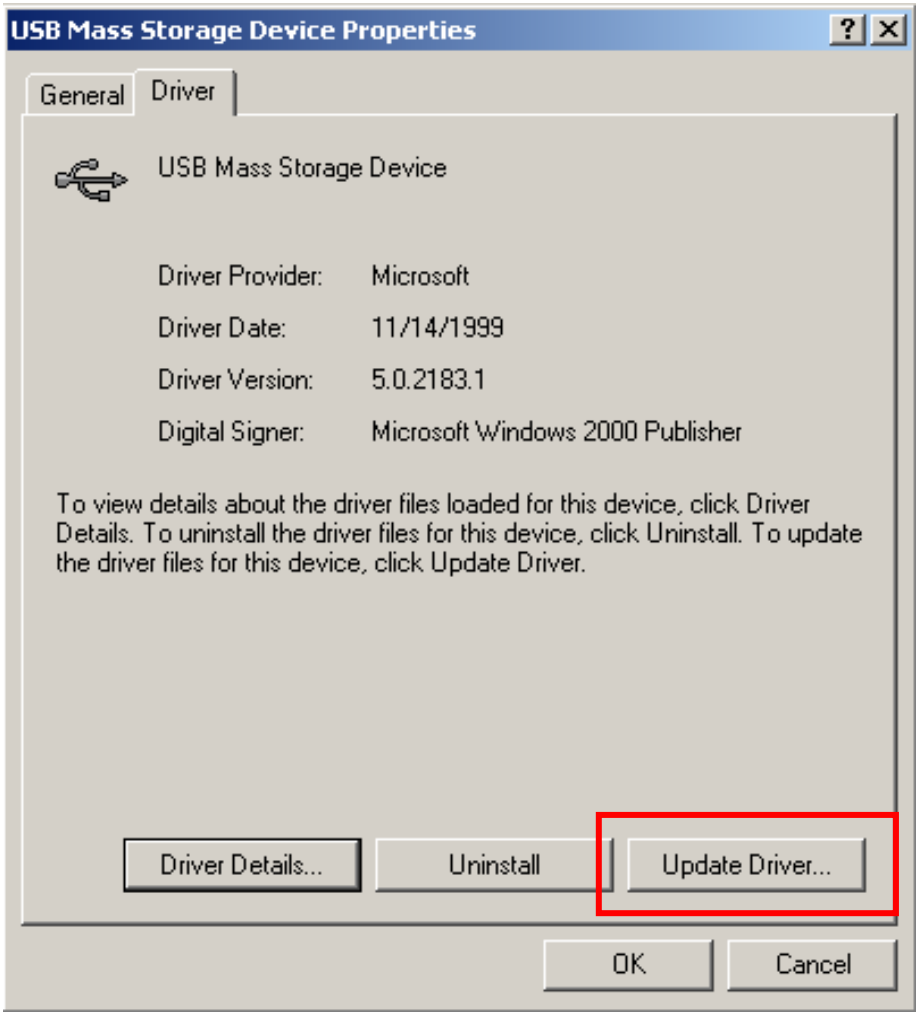
Step 10 Go to **System Properties** in **Control Panel** of your system, and click **Device Manager** in **Hardware** directory.


System Properties
General
Network Identification
Hardware
User Profiles
Advanced
Hardware Wizard
The Hardware wizard helps you install, uninstall, repair, unplug, eject, and configure your hardware.
Hardware Wizard...
Device Manager
The Device Manager lists all the hardware devices installed on your computer. Use the Device Manager to change the properties of any device.
Driver Signing...
Device Manager...
Hardware Profiles
Hardware profiles provide a way for you to set up and store different hardware configurations.
Hardware Profiles...
OK
Cancel
Apply

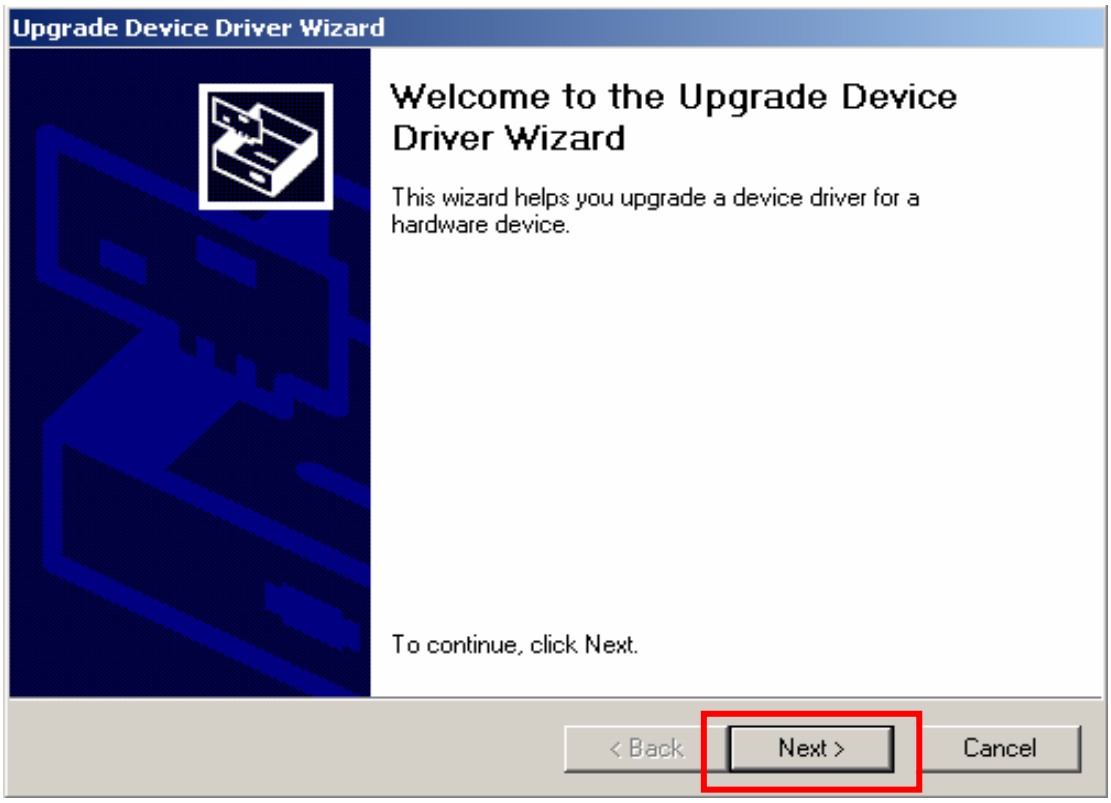
Step 11 Double-click **USB Mass Storage Device** in the **Universal Serial Bus Controllers** directory.



Step 12 Click **Update Driver** to install the driver for USB Card Reader.


USB Mass Storage Device Properties
General
Driver
USB Mass Storage Device
Driver Provider: Microsoft
Driver Date: 11/14/1999
Driver Version: 5.0.2183.1
Digital Signer: Microsoft Windows 2000 Publisher
To view details about the driver files loaded for this device, click Driver Details. To uninstall the driver files for this device, click Uninstall. To update the driver files for this device, click Update Driver.
Driver Details...
Uninstall
Update Driver...
OK
Cancel

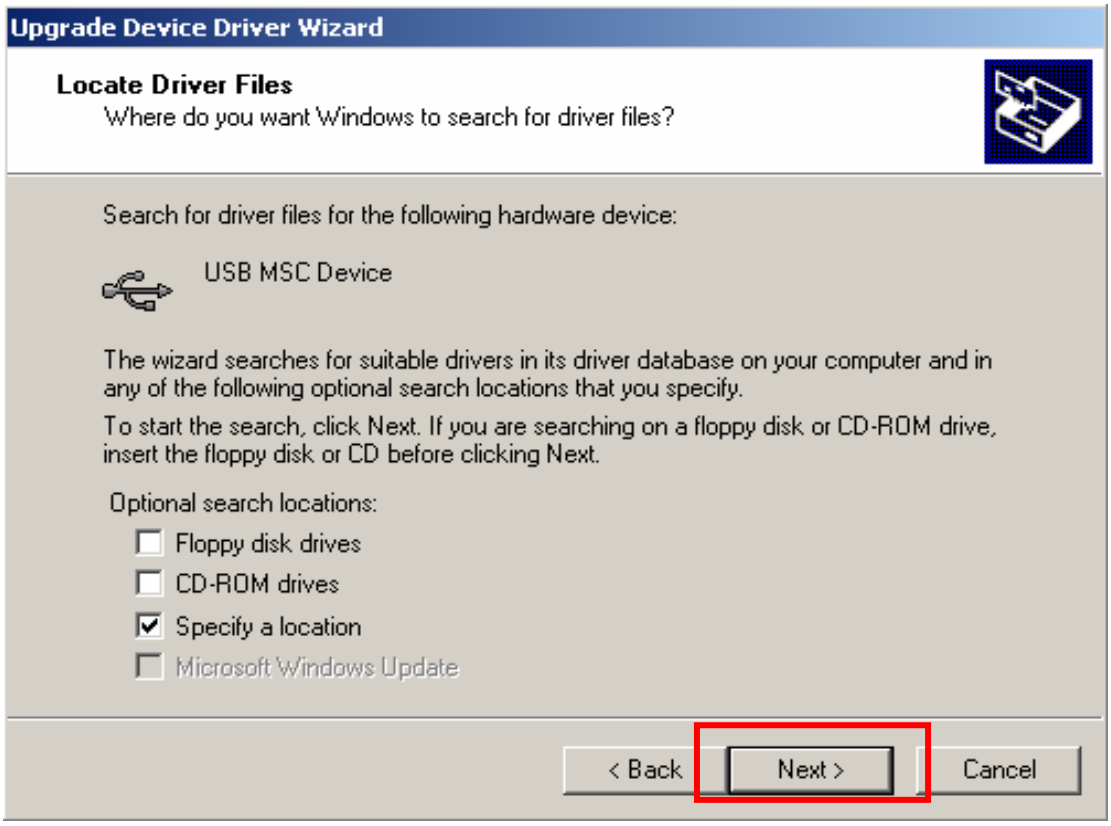
Step 13 Click **Next** to follow the wizard.


Upgrade Device Driver Wizard
Welcome to the Upgrade Device Driver Wizard
This wizard helps you upgrade a device driver for a hardware device.
To continue, click Next.
< Back
Next >
Cancel

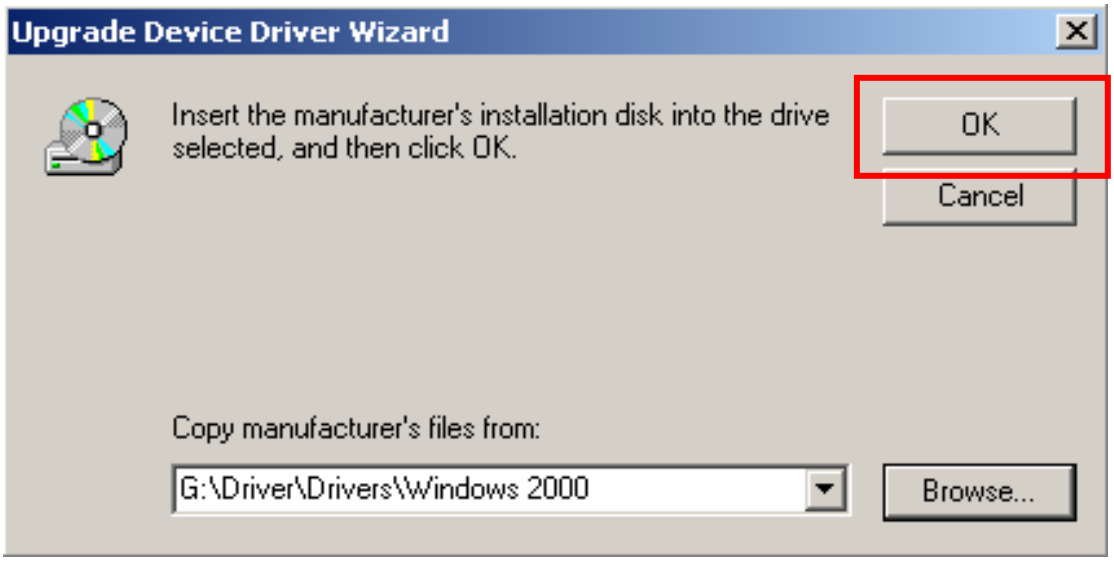
Step 14 Select **Search for a suitable driver for my device** and click **Next** to continue.

Upgrade Device Driver Wizard
Install Hardware Device Drivers
A device driver is a software program that enables a hardware device to work with an operating system.
This wizard upgrades drivers for the following hardware device:
USB Mass Storage Device
Upgrading to a newer version of a device driver may add functionality to or improve the performance of this device.
What do you want the wizard to do?
Search for a suitable driver for my device (recommended)
Display a list of the known drivers for this device so that I can choose a specific driver
< Back
Next >
Cancel

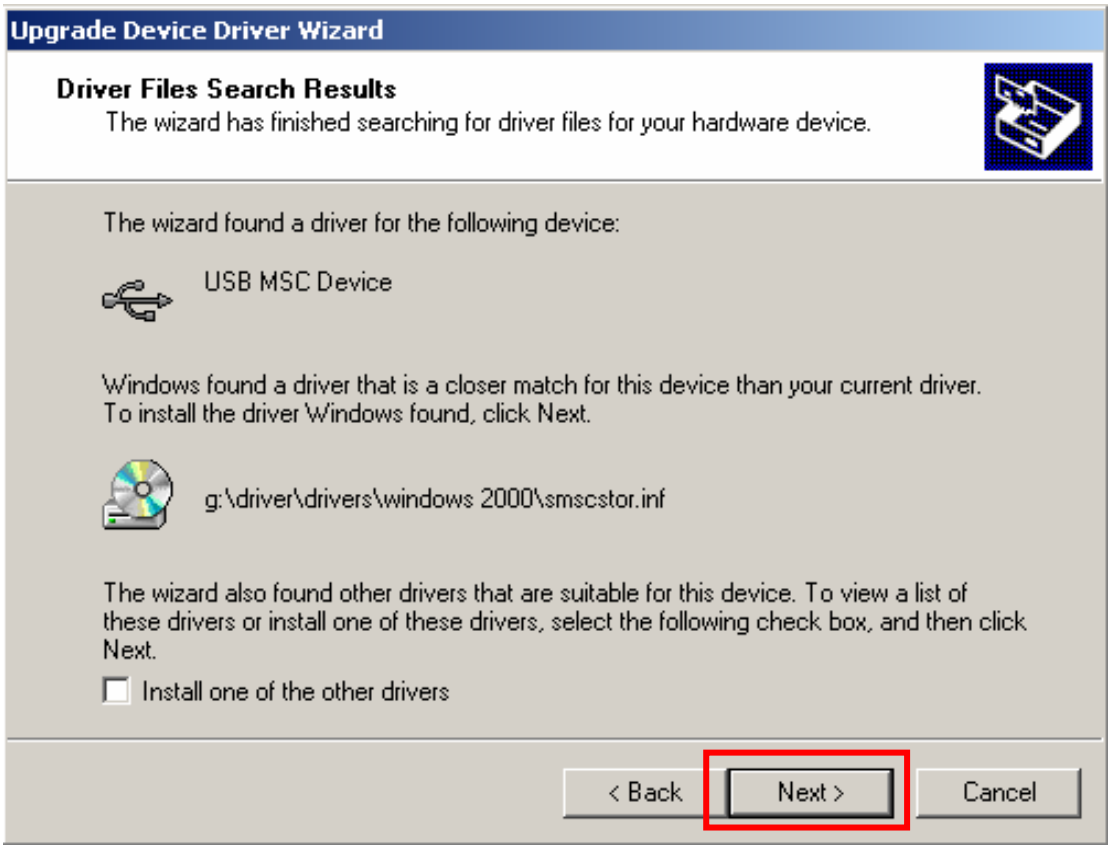
Step 15 Select **Specify a location** and click **Next** to continue.


Upgrade Device Driver Wizard
Locate Driver Files
Where do you want Windows to search for driver files?
Search for driver files for the following hardware device:
USB MSC Device
The wizard searches for suitable drivers in its driver database on your computer and in any of the following optional search locations that you specify.
To start the search, click Next. If you are searching on a floppy disk or CD-ROM drive, insert the floppy disk or CD before clicking Next.
Optional search locations:
Floppy disk drives
CD-ROM drives
Specify a location
Microsoft Windows Update
< Back
Next >
Cancel

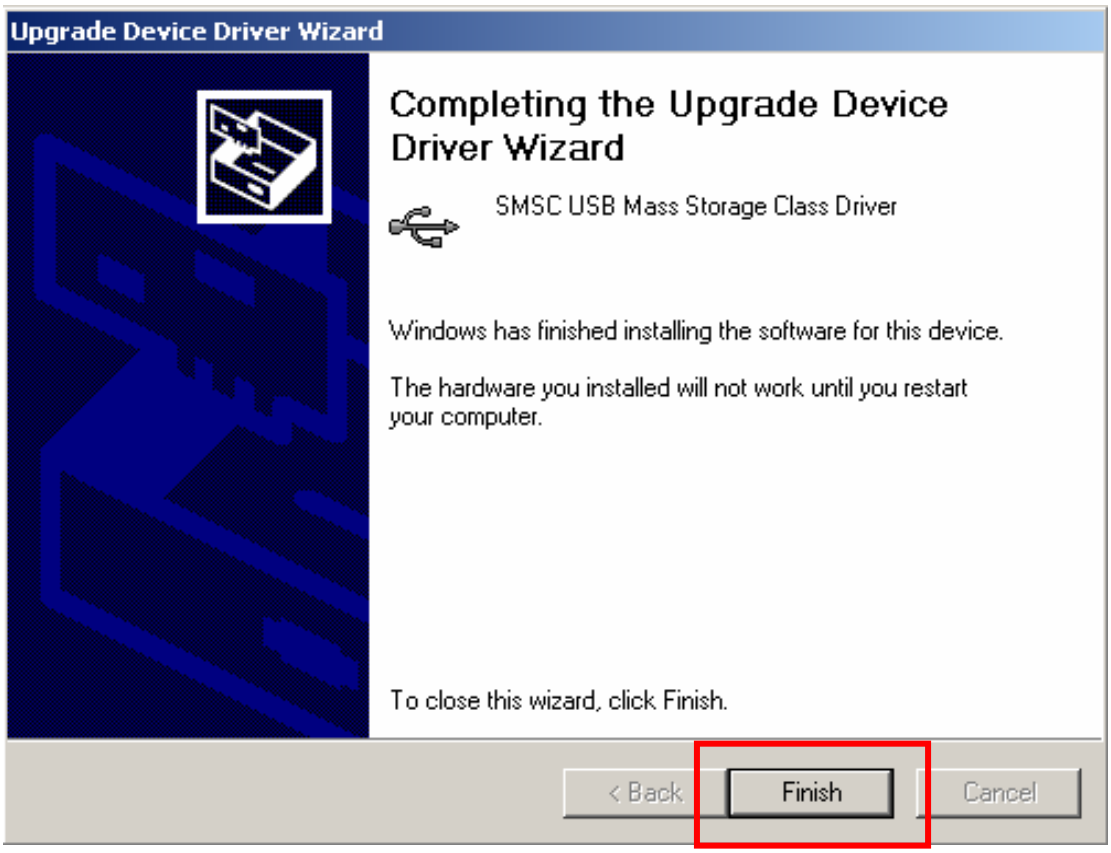
Step 16 Click **Browse** to locate the driver shown as the below image, and click **OK** to continue.



Step 17 Click **Next** to continue.


Upgrade Device Driver Wizard
Driver Files Search Results
The wizard has finished searching for driver files for your hardware device.
The wizard found a driver for the following device:
USB MSC Device
Windows found a driver that is a closer match for this device than your current driver.
To install the driver Windows found, click Next.
g:\driver\drivers\windows 2000\smscstor.inf
The wizard also found other drivers that are suitable for this device. To view a list of these drivers or install one of these drivers, select the following check box, and then click Next.
Install one of the other drivers
< Back
Next >
Cancel

Step 18 Click **Finish**, then restart the system to completely finish the installation.


Upgrade Device Driver Wizard
Completing the Upgrade Device Driver Wizard
SMSC USB Mass Storage Class Driver
Windows has finished installing the software for this device.
The hardware you installed will not work until you restart your computer.
To close this wizard, click Finish.
< Back
Finish
Cancel

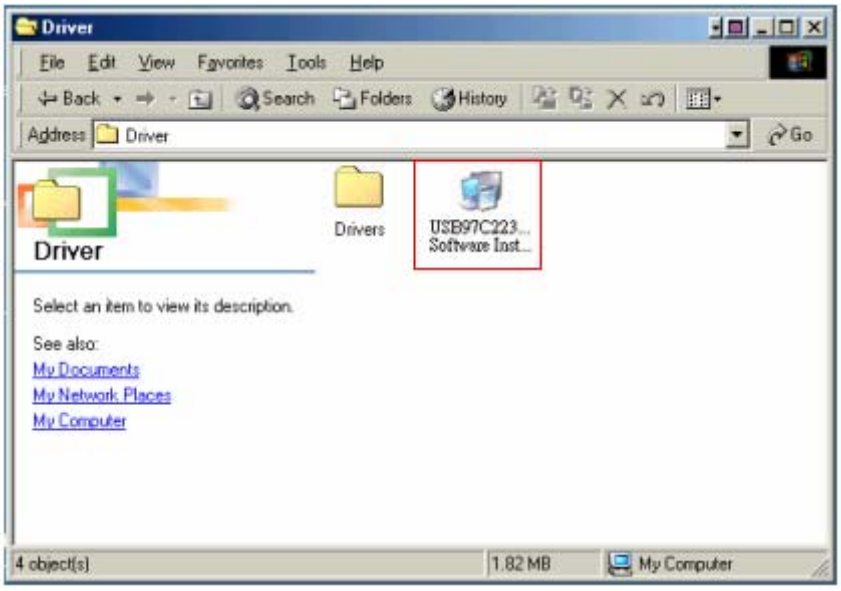
● **Windows ME/2000 SP4/XP**

The USB Card Reader w/3-Port Hub is fully compliant with plug & play capability under Windows ME, 2000 SP4 and XP system.

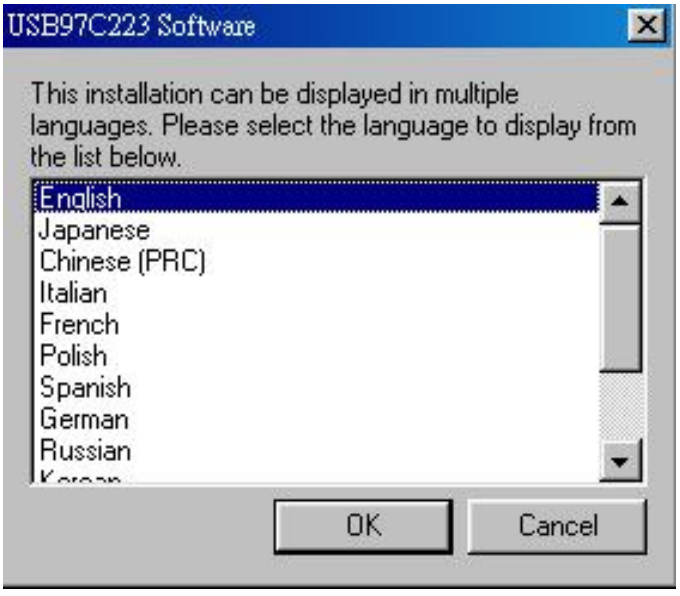
Software Installation (For Windows 98SE, ME, 2000 and XP)

There is an user-friendly software in the attached CD for the driver and custom icon installation. Please follow the instruction as below step by step. The procedure for all supported OS is the same. Please do not connect the card reader w/3-Port Hub with your system before the software has been installed.

Step 1 Browse and double-click the **USB97C223 Software Installer.exe** file in the driver CD.



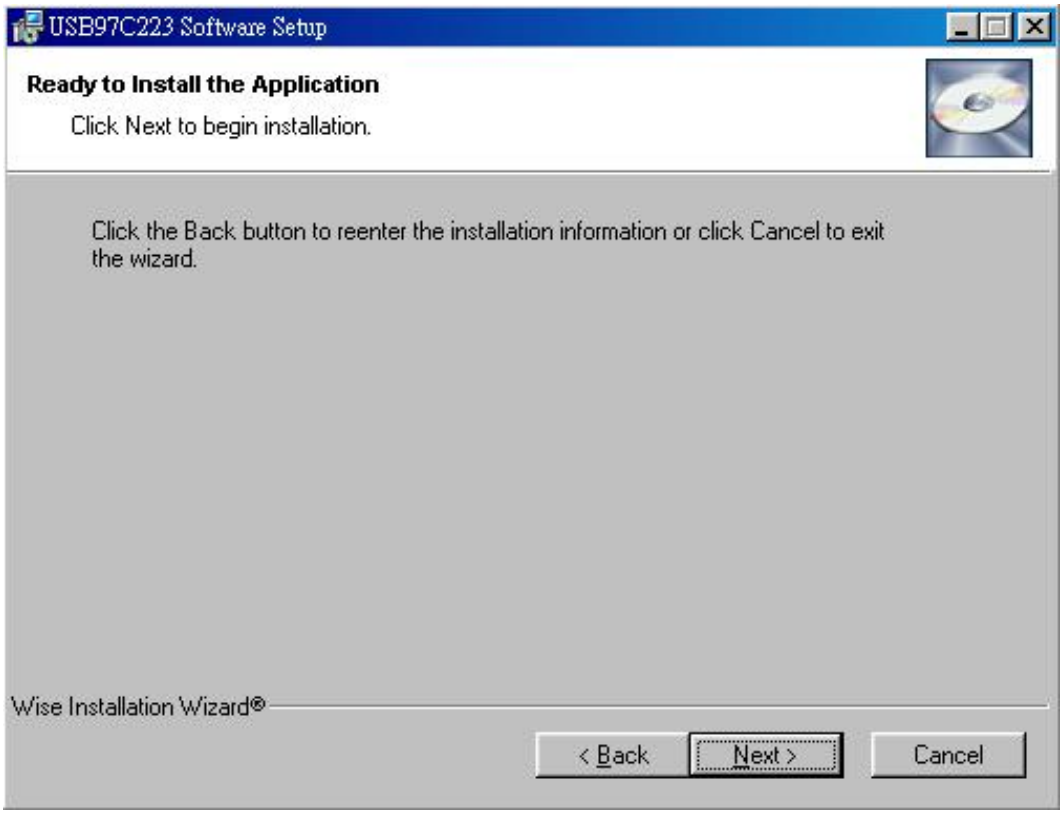
Step 2 Select the language to display from the list below.



Step 3 The pop-up window shows **Welcome to the USB97C223 Software Installation Wizard**. Click **Next** to follow the wizard.

USB97C223 Software Setup
Welcome to the USB97C223 Software Installation Wizard
It is strongly recommended that you exit all Windows programs before running this setup program.
Click Cancel to quit the setup program, then close any programs you have running. Click Next to continue the installation.
WARNING: This program is protected by copyright law and international treaties.
Unauthorized reproduction or distribution of this program, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under law.
< Back
Next >
Cancel

Step 4 The window shows **Ready to Install the Application**. Click **Next** to continue.


USB97C223 Software Setup
Ready to Install the Application
Click Next to begin installation.
Click the Back button to reenter the installation information or click Cancel to exit the wizard.
Wise Installation Wizard®
< Back
Next >
Cancel

Step 5 Click **Finish** to finish the installation.

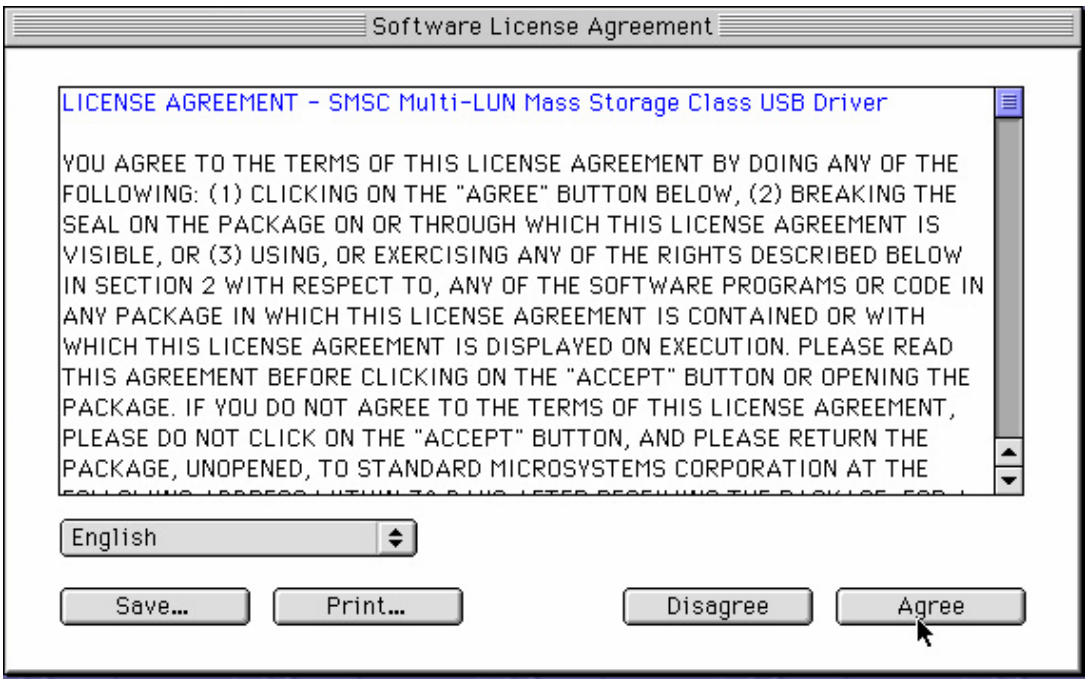
MAC Installation

● **MAC 9.X**

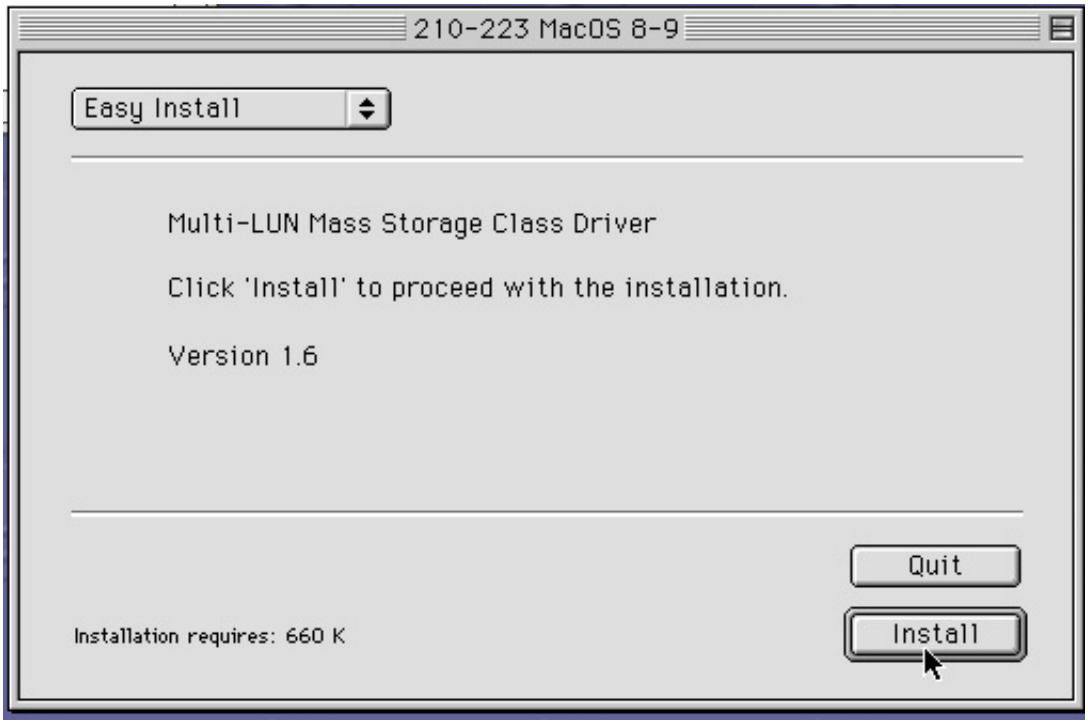
Step 1 Execute the **Driver\Drivers\MacOS 9.X\210+223 Mac OS 8-9.sit** file in the driver CD.

Step 2 Click **Continue** to start the installation.

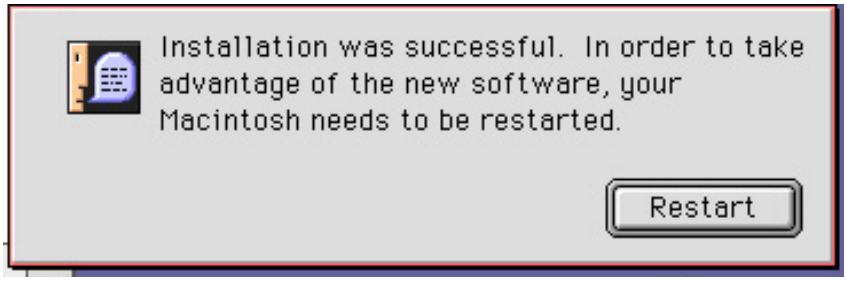
Step 3 The system shows the **Software License Agreement**. Click **Agree** to continue.


Software License Agreement
LICENSE AGREEMENT - SMSC Multi-LUN Mass Storage Class USB Driver
YOU AGREE TO THE TERMS OF THIS LICENSE AGREEMENT BY DOING ANY OF THE FOLLOWING: (1) CLICKING ON THE "AGREE" BUTTON BELOW, (2) BREAKING THE SEAL ON THE PACKAGE ON OR THROUGH WHICH THIS LICENSE AGREEMENT IS VISIBLE, OR (3) USING, OR EXERCISING ANY OF THE RIGHTS DESCRIBED BELOW IN SECTION 2 WITH RESPECT TO, ANY OF THE SOFTWARE PROGRAMS OR CODE IN ANY PACKAGE IN WHICH THIS LICENSE AGREEMENT IS CONTAINED OR WITH WHICH THIS LICENSE AGREEMENT IS DISPLAYED ON EXECUTION. PLEASE READ THIS AGREEMENT BEFORE CLICKING ON THE "ACCEPT" BUTTON OR OPENING THE PACKAGE. IF YOU DO NOT AGREE TO THE TERMS OF THIS LICENSE AGREEMENT, PLEASE DO NOT CLICK ON THE "ACCEPT" BUTTON, AND PLEASE RETURN THE PACKAGE, UNOPENED, TO STANDARD MICROSYSTEMS CORPORATION AT THE
English
Save...
Print...
Disagree
Agree

Step 4 Click **Install** to proceed.

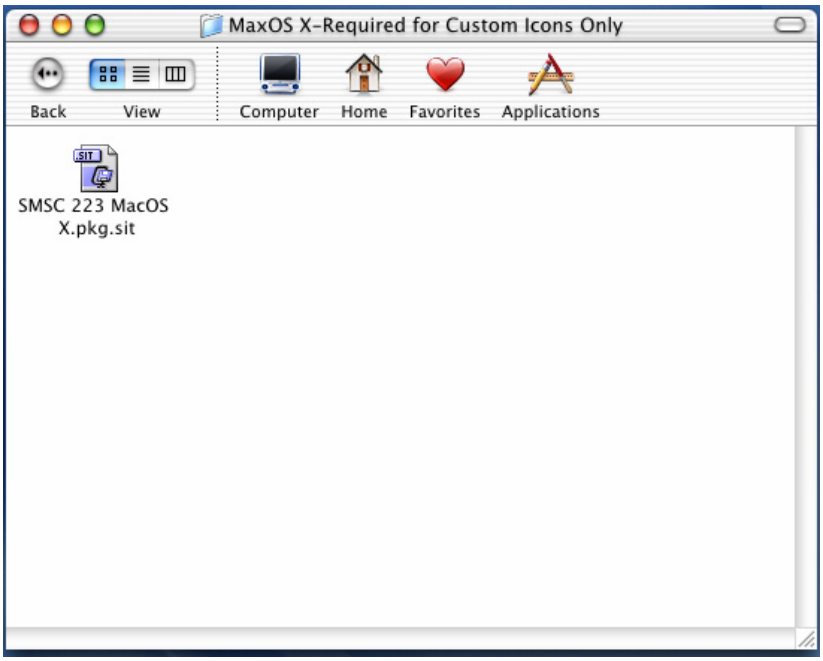


Step 5 The window shows **Installation was successful**. Click **Restart** to restart your system and finish the installation.


Installation was successful. In order to take advantage of the new software, your Macintosh needs to be restarted.
Restart

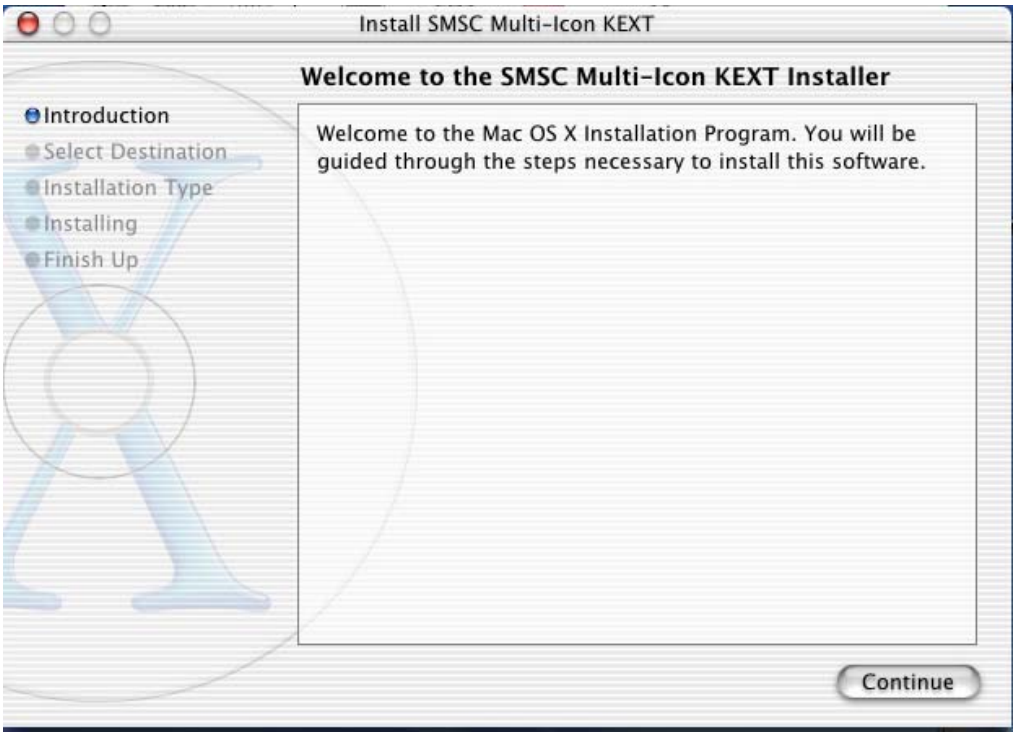
● **MAC 10.X**

Step 1 Execute the **SMSC 223 Mac OS X.pkg.sit** file in the directory of **Driver\Drivers\MaxOS X-Required for Custom Icons Only** in the driver CD to extract the SMSC 223 Mac OS X.pkg file.

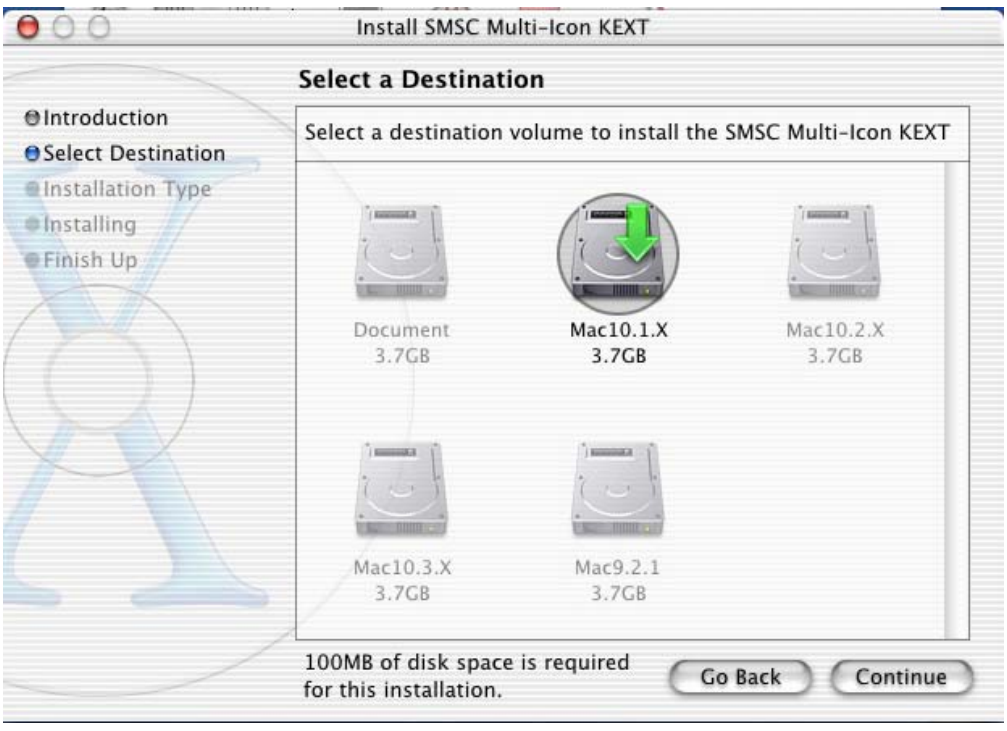


Step 2 Double-click the file to install.

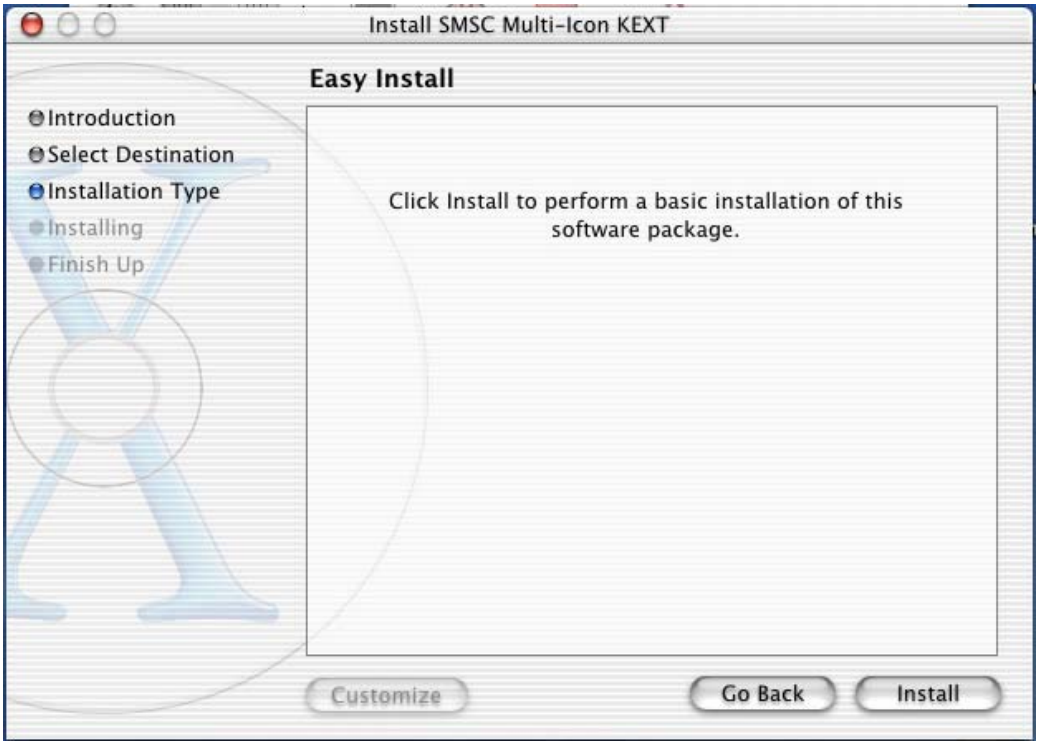
Step 3 Click **Continue** to install.


Install SMSC Multi-Icon KEXT
Welcome to the SMSC Multi-Icon KEXT Installer
Introduction
Select Destination
Installation Type
Installing
Finish Up
Welcome to the Mac OS X Installation Program. You will be guided through the steps necessary to install this software.
Continue

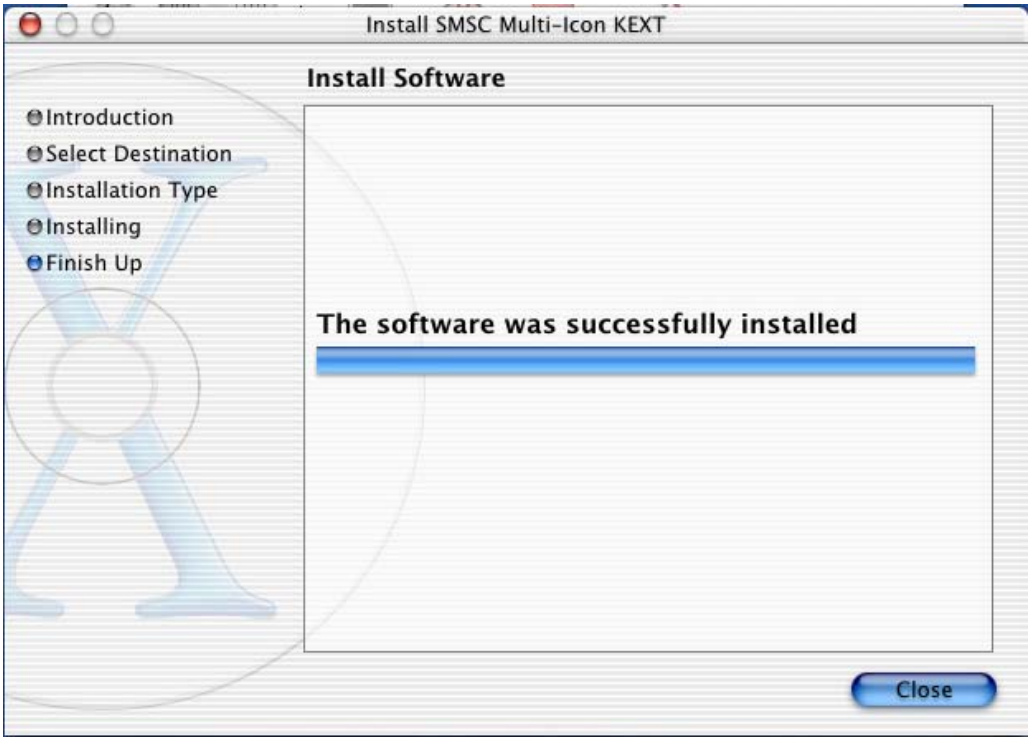
Step 4 Select a destination volume to install the software, and click **Continue** to proceed.



Step 5 Click **Install** to follow the **Easy Install**.

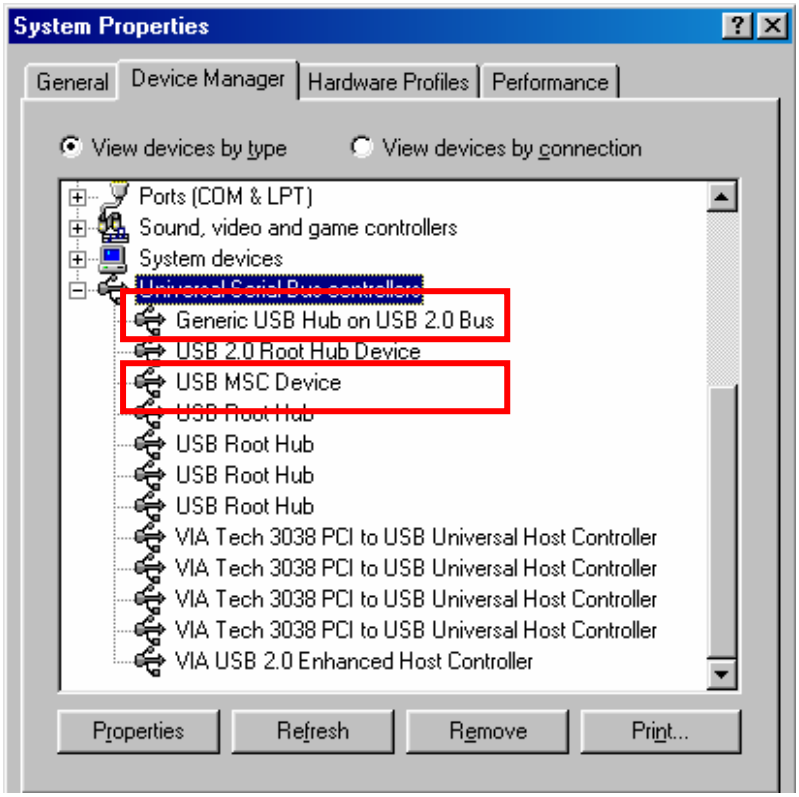


Step 6 Click **Close** to finish the installation.

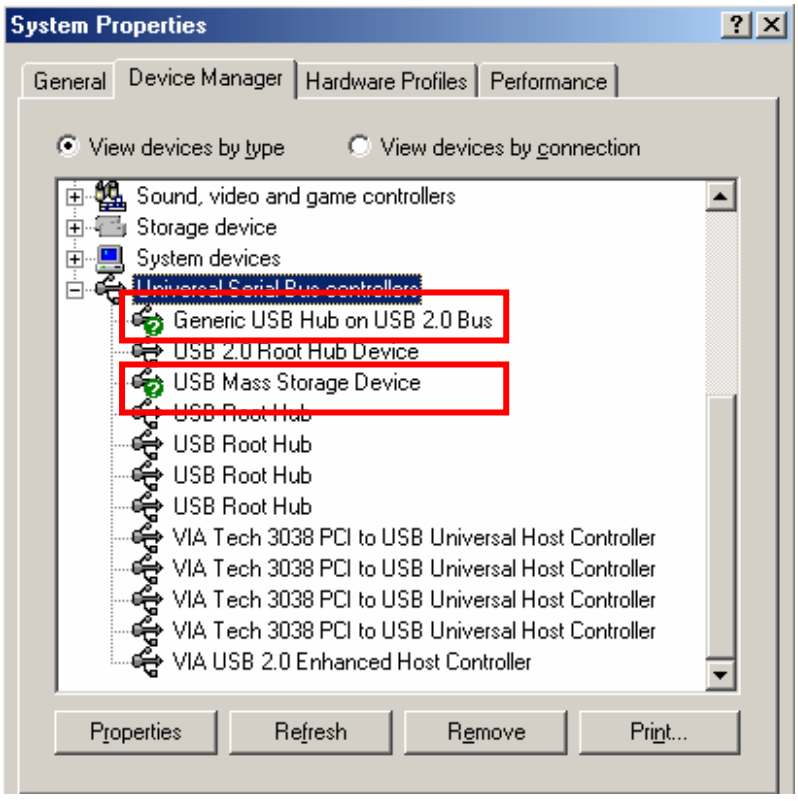


Installation Verification

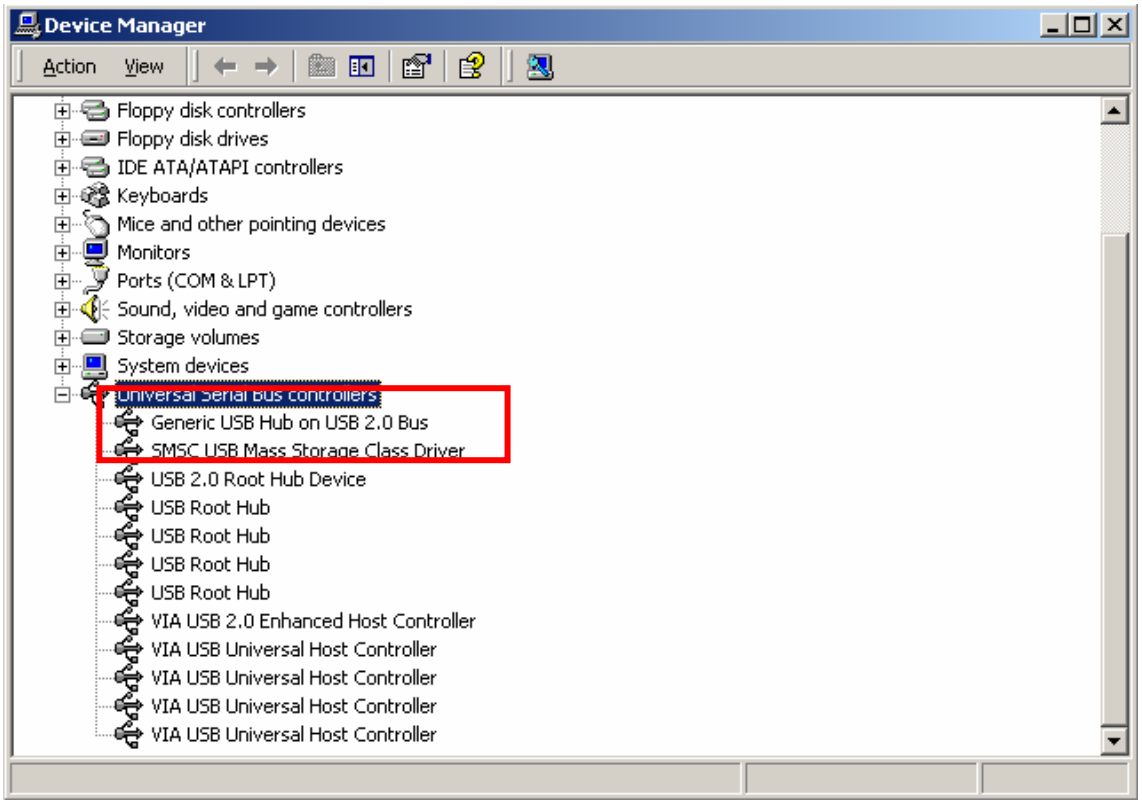
● Windows 98SE



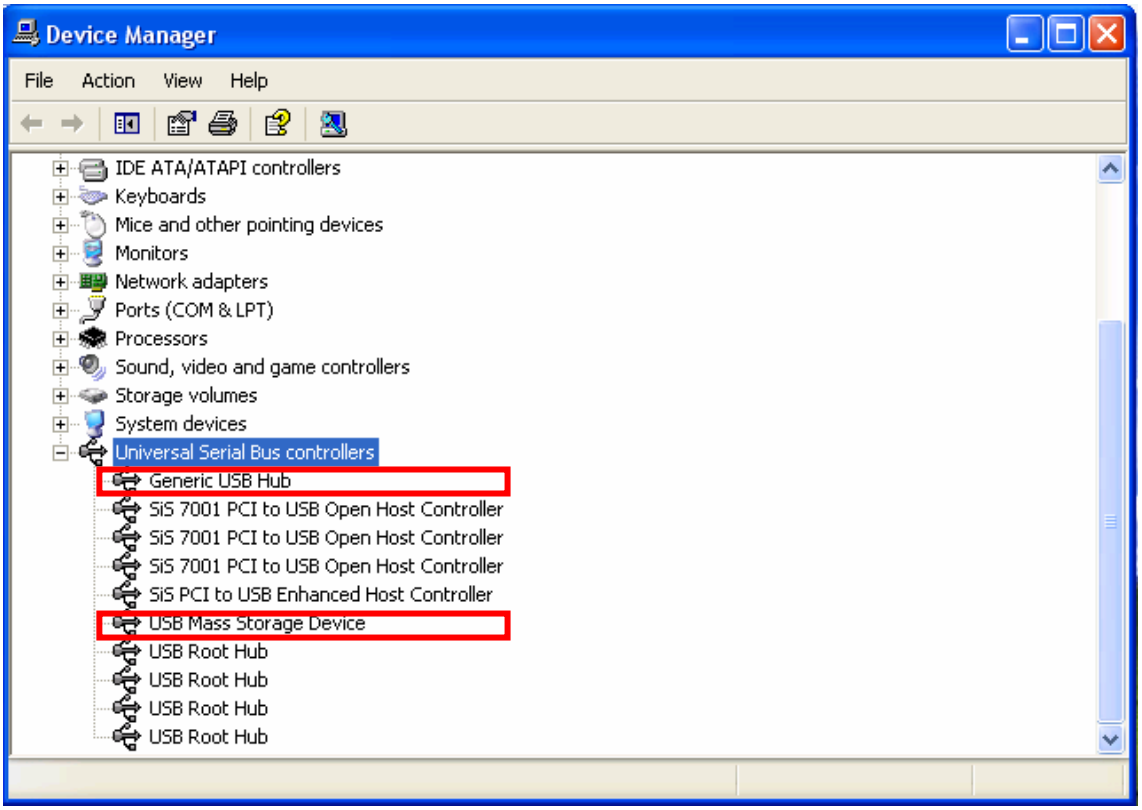
● Windows ME



● **Windows 2000 – 2000 SP4**



● **Windows XP**

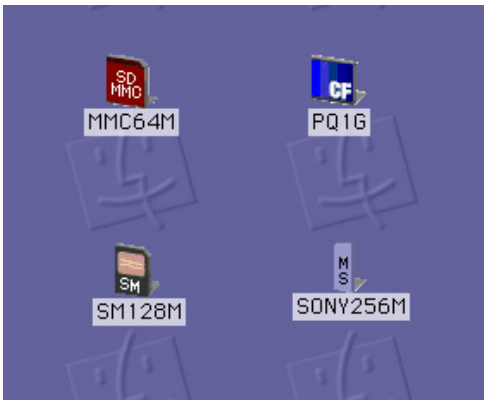


● **Custom Icons in Win 98SE/ME/2000/XP**

Please enter **My Computer** to check the icons.

● **Mac 9.X/ Mac 10.X**

When the memory cards are inserted into the Card Reader w/3-Port Hub, you can find the icons appear on the screen as below:



Certificate

FCC

This equipment has been tested and found to comply with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference
- This device must accept any interference received. Including interference that may cause undesired operation.

CE – Certificate

This equipment is in compliance with the requirements of the following regulations: EN 55 022: CLASS B

Disclaimer

Information in this document is subject to change without notice. The manufacturer does not make any representations or warranties (implied or otherwise) regarding the accuracy and completeness of this document and shall in no event be liable for any loss of profit or any commercial damage, including but not limited to special, incidental, consequential, or other damage. No part of this document may be reproduced or transmitted in any form by any means, electronic or mechanical, including photocopying, recording or information recording and retrieval systems without the express written permission of the manufacturer.